



PATENT  
Customer No. 22,852  
Attorney Docket No. 10142.0001

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
)  
Donald GULLBERG ) Group Art Unit: 1644  
)  
Serial No.: 09/980,403 ) Examiner: Maher M. Haddad  
)  
Filed: April 15, 2002 )  
) Confirmation No.: 3147  
For: INTEGRIN HETERODIMER AND )  
AN ALPHA SUBUNIT THEREOF )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT AND RESPONSE**

In reply to the Office Action dated April 7, 2006, the time for reply being extended two months to September 7, 2006, by the extension of time filed herewith, Applicants respectfully request reconsideration of this application and continued examination of the claims in light of the following amendments and remarks.

**Amendments to the Claims** are reflected in the listing of claims beginning on page 2 of this paper.

**Remarks** follow the amendment section of this paper.